

Title (en)
TESTING BASE STATIONS THAT SUPPORT MULTIPLE CARRIERS AND NARROWBAND INTERNET OF THINGS SIGNALS

Title (de)
PRÜFUNG VON BASISSTATIONEN, DIE MEHRERE TRÄGER UND SIGNALE VON SCHMALBANDIGEM INTERNET DER DINGE UNTERSTÜTZEN

Title (fr)
STATIONS DE BASE D'ESSAI SUPPORTANT DE MULTIPLES PORTEUSES ET SIGNAUX DE CHOSES INTERNET À BANDE ÉTROITE

Publication
EP 3261272 A1 20171227 (EN)

Application
EP 16305749 A 20160621

Priority
EP 16305749 A 20160621

Abstract (en)
A method, device and computer program for generating wireless signals for testing a network node for transmitting Narrow Band Internet of Things signals, for compliance with predetermined criteria, the network node being configured to support multiple carriers and to support operation within at least one radio frequency bandwidth. The method comprises: controlling a wireless signal generator to generate one test signal in a frequency band towards one edge of one of the at least one radio frequency bandwidth and one further test signal in a frequency band towards the other edge of the same one of the at least one radio frequency bandwidth, the one test signal comprising a Narrowband Internet of Things test signal.

IPC 8 full level
H04B 17/29 (2015.01)

CPC (source: EP KR US)
H04B 17/0085 (2013.01 - KR US); **H04B 17/15** (2015.01 - KR); **H04B 17/29** (2015.01 - EP KR US); **H04B 17/354** (2015.01 - KR US); **H04W 72/0453** (2013.01 - US); **H04B 7/06** (2013.01 - US); **H04B 7/08** (2013.01 - US); **H04B 17/00** (2013.01 - US); **H04B 17/0085** (2013.01 - EP); **H04B 17/20** (2015.01 - US); **H04B 17/354** (2015.01 - EP); **H04W 16/28** (2013.01 - US)

Citation (search report)

- [A] "3rd Generation Partnership Project; Technical Specification Group Radio Access Networks; Narrowband Internet of Things (NB-IoT); Technical Report for BS and UE radio transmission and reception (Release 13)", 3GPP STANDARD; 3GPP TR 36.802, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG4, no. V1.0.0, 13 June 2016 (2016-06-13), pages 1 - 59, XP051123388
- [A] ERICSSON: "BS RF ACS and Narrow band blocking requirements", vol. RAN WG4, no. SAN JOSE DEL CABO, MEXICO; 20160411 - 20160415, 1 April 2016 (2016-04-01), XP051084009, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/tsg_ran/WG4_Radio/TSGR4_78Bis/Docs/> [retrieved on 20160401]
- [A] ERICSSON: "NB IoT BS RF core requirements update", vol. RAN WG4, no. Malta; 20160215 - 20160219, 14 February 2016 (2016-02-14), XP051057243, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/RAN4/Docs/> [retrieved on 20160214]

Cited by
CN112649690A; CN109104315A; US11647402B2; WO2021089660A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3261272 A1 20171227; EP 3261272 B1 20190529; CN 109328441 A 20190212; CN 109328441 B 20210528; ES 2737302 T3 20200113; JP 2019520757 A 20190718; JP 6777766 B2 20201028; KR 102178693 B1 20201113; KR 20190008359 A 20190123; US 10686536 B2 20200616; US 2019334632 A1 20191031; WO 2017220427 A1 20171228

DOCDB simple family (application)
EP 16305749 A 20160621; CN 201780038548 A 20170615; EP 2017064687 W 20170615; ES 16305749 T 20160621; JP 2018567261 A 20170615; KR 20187036676 A 20170615; US 201716311516 A 20170615